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ACC CTG $\mathtt{TAT}$ AAA CCC CGC AGT CTG TCCACC GAA TGA GCA AAA TAC ACC ATT CAG ATC GCA GAT ACC CTGATC CAG ATTGCTACT CTC AAC 335 335 TTCGGTAGC GTC CCC CCA ACA GAA ATC GCT ATG TGG TAT TTC GCTTTCGCT ACA ATT TGT ATC CAA 900 CTC GCA GAC ATT CGG CTCTAT ATC TGGCAG GGGACC GTC AAA CCC TCTGTT AGA GAG AAT ACA ACG CAA GCT AAC GAA TAA CAG TTT GTC AAA SCG CCA TTCAAC ACT CTA ACC CCA CCA TTC TCC TAC ACTCAC GAG CTCTGT CCTGCA TTCGAA GGT TAC AAA AAA ACT AAC ACC GTGAAC AAA TTGGTC GAC TTT AGG ACC

## FIG. 1D

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| GAA TTC CAG TCA TTC ATT TTA TTC AGC AAA TAT TTA ACA AGT ATG TTT TAC CCA CTG GTT ATA CAA TGG GAG GGA GAG AGG A GAT GCT ATT CTA AAA GCT TGA AGT CTA GGC TGT GCA CGG TGG CTC A GAT GCT ATT CTA AAA GCT TGA AGT CTA GGC TGT GCA CGG TGG CTC A GCA CTT TGG GAG GCC GAG GTG GGT GGA TCG TGA GGT CAG GAG ATT AAC ATG GTG AAA CTC CCT CTC TAC TAA AAA TAC AAA AAA | L     |     | Ĺ   |     |     |     |      |     |     |     |     |     |                |     |          |     |     |       |      | CGC            |  |
|---|-------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|----------------|-----|----------|-----|-----|-------|------|----------------|--|
| THE AUT CTT TTA TTC AGE AAA TAT TTA ACA AAA CTG GTT ATA CAA TGG GAG GGA GAG AGA AGA AGA AGA AGA A   | CCC   | CCC | AAG | AAA | AAA | AAA | AAA  | AAA | AAA | AAA | AAA | AAA | TCA            | GTC | TCC      | GAC | CCA | GAG   | ACA  | GTG            |  |
| THE AUT CTT TTA TTC AGE AAA TAT TTA ACA LACE CTG GTT ATA CAA TGG GAG GGA GAG AGA AAA GTT TTA ACA LACE CTG GTT ATA CTA GGC TGT GCA CGG TGG TGG GAG GTG GGT GGA TCG TGA GGT CAG GAG TCG TGA GGT CAG GAG TCG TAC AAA AAA TTA AAA TAC CTT CTC TAC TAA AAA TAC AAA AAA   | TGG   | CCC | CCA | ACT | CAC | CAC | CAC  | TCA | AGA | SCC | GAG | AGT | TGC            | GCT | GGA      | CGC | GGA | CCA   | AAC  | $\mathtt{GTG}$ |  |
| TTC ATT CTT TTA TTC AGA CAA GAG CTT GGA CTC ATT TTA ACA CCA CTG GTT ATA CAA TGG GAG GGA GAG AGA AAA GGA GGA GGA AAA AAA GCA CTG GCA CGG TGG GCC GAG GGG TGG GCC TCT GCA GCC TCC CCC CTC TAC AAA AAA TTA CCC CCT CTC TAC TA  | CCC   | AAT | GAG | CAG | AGG | CTG | AGG  | GGG | CTT | CTA | CAG | TCC | TAG            | CTG | CGC      | GGG | CGC | GGT   | CAT  | GAG            |  |
| THE AUT CTT TTA TTC AGE AAA TAT TTA ACA SCA CTG GTT ATA CAA TGG GAG GGA GAG AGA AAA GCT TGA AGT CTA GGC TGT GCA CGG TGG GAG GCG TGG GCG TGG GAG GGG TGG TGG GAG GAG TCG TGA GGT CAG GAG TCG TGA GGT CAG GAG   | GCT   | TTA | AAA | AAA | TAC | AAA | TAA  | TAC | CTC | CCT | CTC | AAA | $\mathtt{GTG}$ | ATG | AAC      | GCI | CTG | ATC   | ACC  | GAG            |  |
| CCA AGT CAT GAT GTC AGA CAA GAG CTT GGA<br>FTC ATT CTT TTA TTC AGC AAA TAT TTA ACA<br>CCA CTG GTT ATA CAA TGG GAG GGA GAG AGA<br>AAA GCT TGA AGT CTA GGC TGT GCA CGG TGG  | ATT   | GAG | CAG | GGT | TGA | TCG | GGA  | GGT | GTG | GAG | CCC | GAG | TGG            | CTT | GCA      | CCA | ATC | GTA   | CCT  | ACG            |  |
| CCA AGI CAI GAI GIC AGA CAA GAG CII GGA<br>FTC ATT CTT TTA TTC AGC AAA TAT TTA ACA<br>CCA CTG GTT ATA CAA TGG GAG GGA GAG AGA   | CTC   | TGG | CGG | GCA | TGT | CCC | CTA  | AGT | TGA | GCT | AAA | CTA | ATT            | GCT | GAT      | AGA | GAG | AGA   | GAG  | AGA            |  |
| THE ATT CIT TIA TIE AGE AAA TAT TIA ACA   | GAG   | AGA | GAG | GGA | GAG | TGG | CAA  | ATA | GTT | CTG | CCA | TAC | $	ext{TLL}$    | TTG | ATG      | CAI | TCC | ATG   | GAC  | ACT            |  |
| CCA AGI CAI GIC AGA CAA GAG CII GGA   | AGT   | ACA | TTA | TAT | AAA | AGC | TTC  | TTA | CTT | ATT | TTC | TCA | CAG            | TTC | GAA      | TTT | GGG | CAT   | AGA  | TGG            |  |
|   | 1.1.1 | GGA |     | GAG | CAA | AGA | 0.10 | GAT | CAT | AGI | CCA | ACA | AGA            |     | <u>၂</u> | 7   | )   | A.I.C | <br> | )<br>          |  |

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= = = pro CYSser arg val leu gly ser val glu len arg len alv leu asn 'n glı  $C_{X}^{\prime}$ 1ysLeu ser trp tyr leu trpgly σ gly ser 7 qlu asp 919 ile tyrglu  $1\sqrt{s}$ len gly Ø asn met ser pro arg phe tyrØ asn arg g1yser phe leu val proarg arg ser ala thr 11 asn bro 1yslen leu i 1e gln 912 phe thr ala 1ysbro ala asp his arg pro pro ala ser g 1 yala thr leu thrser pro met len gly Φ asp arg ser glyØ pr al dsp en ಹ ala his val gly Ø al len dsp leu

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